

Converting Colors

$Yxy(60.7464, 0.3877, 0.3542)$

Have a look what the booklet for
Yxy(60.7464, 0.3877, 0.3542)
contains.

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Color

Yxy(60.8401, 0.3875, 0.3544)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | FFBEA6 |
| RGB | 255, 190, 166 |
| RGB Percent | 100%, 75%, 65% |
| CMY | 0.0002, 0.2548, 0.3491 |
| CMYK | 0.00, 0.25, 0.35, 0.00 |
| HSL | 16°, 100%, 83% |
| HSV | 16°, 35%, 100% |
| XYZ | 66.5224, 60.8401, 44.3082 |
| YIQ | 206.6990, 46.4440, 6.3160 |

Conversions

Conversions Part 2

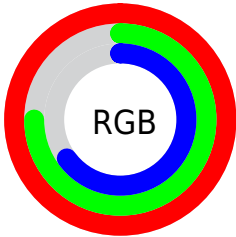
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 255, 199, 166 |
| Decimal | 16760486 |
| CIE Lab | 82.29, 20.25, 21.26 |
| CIE LCh | 82, 29.365, 46.392 |
| Yxy | 60.8401, 0.3875, 0.3544 |
| Android (android.graphics.Color) | 4294950566 (0xFFFFBEA6) |
| YUV | 206.6990, -20.0646, 42.3600 |
| Hunter-Lab | 78.0001, 15.7337, 20.9202 |

Details

The Yxy color **60.8401, 0.3875, 0.3544** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **72.4263, 0.2597, 0.3018**, and the grayscale version is **62.3021, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.3920, 0.3339, 0.3536**, and **30.6935, 0.4075, 0.3587** is the 20% darker color. If you saturate the color by 10%, you get **52.4446, 0.4181, 0.3617**, and if you desaturate by 10%, it is **70.4558, 0.3613, 0.3468**.

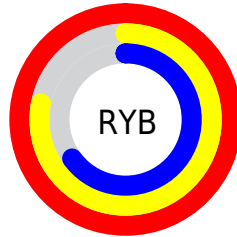
Distribution



Red (100%)

Green (75%)

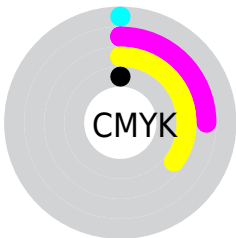
Blue (65%)



Red (100%)

Yellow (78%)

Blue (65%)

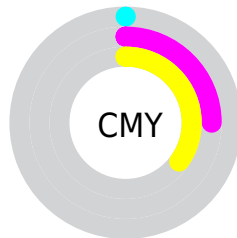


Cyan (0%)

Magenta (25%)

Yellow (35%)

Black (0%)



Cyan (0%)


Magenta (25%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.8401, 0.3875, 0.3544 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 60.8401, 0.3875, 0.3544 by changing the saturation by 10% instead.


 60.8401, 0.3875,
0.3544

 60.8401, 0.3875,
0.3544


427.6875, 0.3514,
0.3434

 44.0961, 0.3960,
0.3567


 106.0474, 0.3747,
0.3508

 30.7461, 0.4068,
0.3593


 135.2795, 0.3698,
0.3493

 20.4056, 0.4205,
0.3624


169.4431, 0.3657,
0.3480

 12.6902, 0.4388,
0.3659

208.9226, 0.3620,
0.3469

 7.2156, 0.4642,
0.3696

254.1024, 0.3589,
0.3459

 3.5973, 0.5011,
0.3725

305.3669, 0.3561,

 1.4509, 0.6011,

0.3450

0.3989

363.1004, 0.3536,
0.3441

0.2538, 0.7435,
0.2565

0.0000, 0.0000,
0.0000

60.8401, 0.3875,
0.3544

60.8401, 0.3875,
0.3544

52.4446, 0.4181,
0.3617

70.4558, 0.3613,
0.3468

45.2111, 0.4530,
0.3679

81.3296, 0.3391,
0.3394

39.0890, 0.4911,
0.3720

93.5088, 0.3206,
0.3323

34.0208, 0.5299,
0.3729

99.9909, 0.3127,
0.3290

■ 29.9432, 0.5658,
0.3695

■ 26.7846, 0.5947,
0.3617

■ 25.4936, 0.6064,
0.3567

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



60.8401, 0.3732, 0.3237



60.8401, 0.3875, 0.3544



60.8401, 0.3802, 0.3811

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



60.8401, 0.3875, 0.3544



60.8401, 0.2822, 0.3660



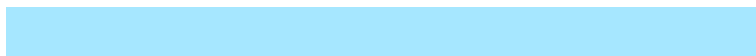
60.8401, 0.2697, 0.2678

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



60.8401, 0.3875, 0.3544



72.4263, 0.2597, 0.3018

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



60.8401, 0.2484, 0.2746



60.8401, 0.3875, 0.3544



60.8401, 0.2552, 0.3301

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



60.8401, 0.3875, 0.3544



60.8401, 0.3184, 0.3910



60.8401, 0.2433, 0.2965



60.8401, 0.3034, 0.2756

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



60.8401, 0.3875, 0.3544



60.8401, 0.3647, 0.3927



60.8401, 0.2433, 0.2965



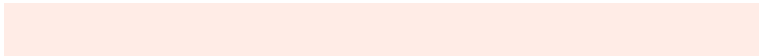
60.8401, 0.2610, 0.2684

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



60.8430, 0.3875, 0.3544



87.1611, 0.3297, 0.3358



54.3022, 0.3361, 0.2633



18.2928, 0.3323, 0.3368



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.8430, 0.3875, 0.3544



54.7759, 0.4088, 0.3596



82.9599, 0.3720, 0.3978



18.7855, 0.3288, 0.3355



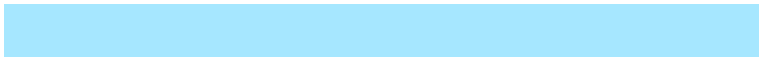
13.5361, 0.6036, 0.3589



1.4896, 0.5817, 0.3764

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



72.4263, 0.2597, 0.3018



67.9322, 0.2497, 0.2953



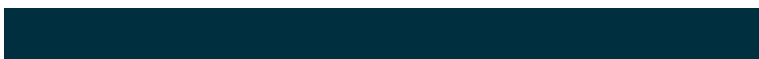
50.7567, 0.2525, 0.2489



19.6023, 0.2980, 0.3224



22.4040, 0.1996, 0.2385



2.3625, 0.2028, 0.2501

Previews

White Background



This preview shows how the Yxy color 60.8401, 0.3875, 0.3544 looks on a white background.

Color Contrast Check

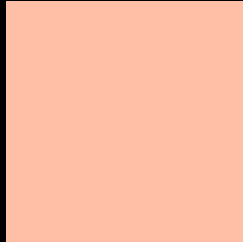
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 60.8401, 0.3875, 0.3544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.8401, 0.3875, 0.3544

Background



This preview shows how black text looks on a background with the Yxy color 60.8401, 0.3875, 0.3544.

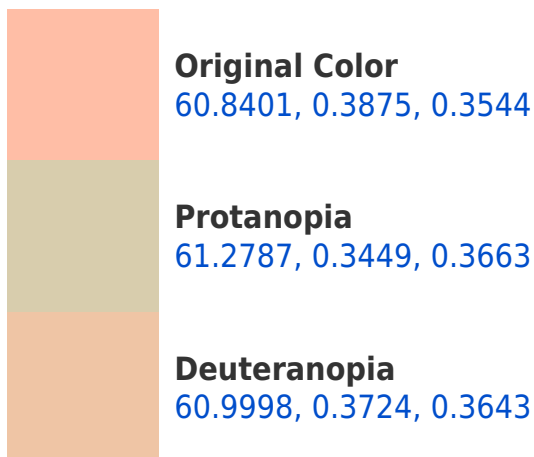


This preview shows how white text looks on a background with the Yxy color 60.8401, 0.3875, 0.3544.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia

60.9708, 0.3595, 0.3157

Trichromacy



Original Color

60.8401, 0.3875, 0.3544

Protanomaly

61.0338, 0.3600, 0.3629

Deuteranomaly

60.7127, 0.3785, 0.3605

Tritanomaly

60.8573, 0.3694, 0.3292

Monochromacy



Original Color

60.8401, 0.3875, 0.3544

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

61.4264, 0.3377, 0.3392

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.8401, 0.3875, 0.3544 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 190, 166)` looks like.

```
.text, #text, p{  
    color:rgb(255, 190, 166)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 190, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 190, 166) }
```

Border

The CSS property to change the border of an element to Yxy 60.8401, 0.3875, 0.3544 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 190, 166) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 190, 166) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 190, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 190, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 190, 166);  
box-shadow:4px 4px 4px 4px rgb(255, 190,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 60.8401, 0.3875, 0.3544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 190, 166) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
190, 166) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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